

FIG. 1

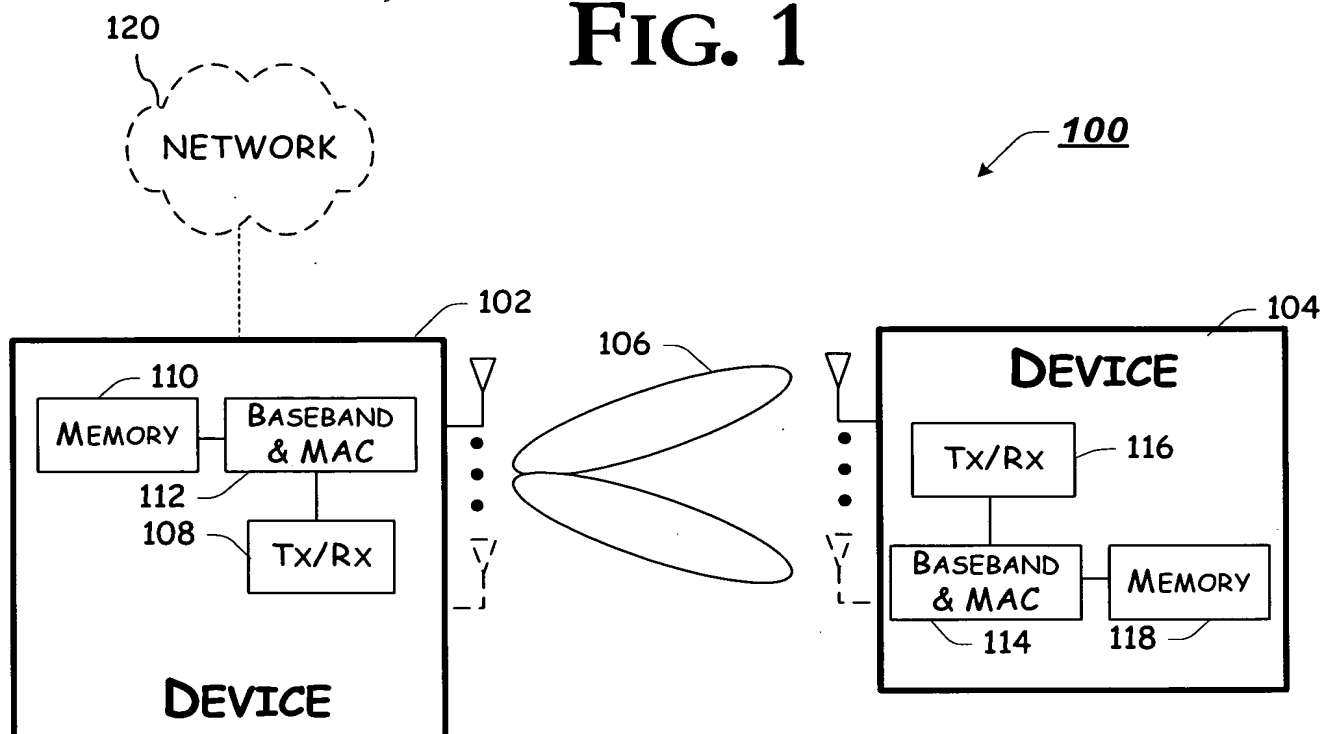


FIG. 2

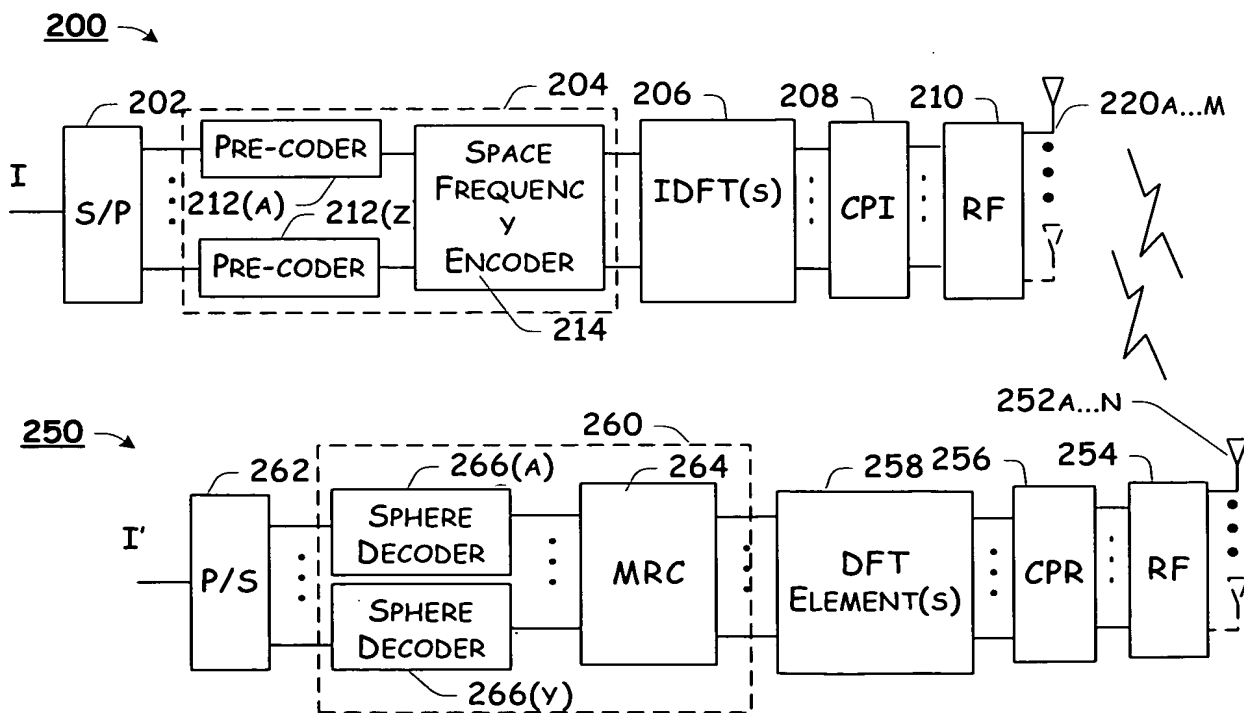


FIG. 3

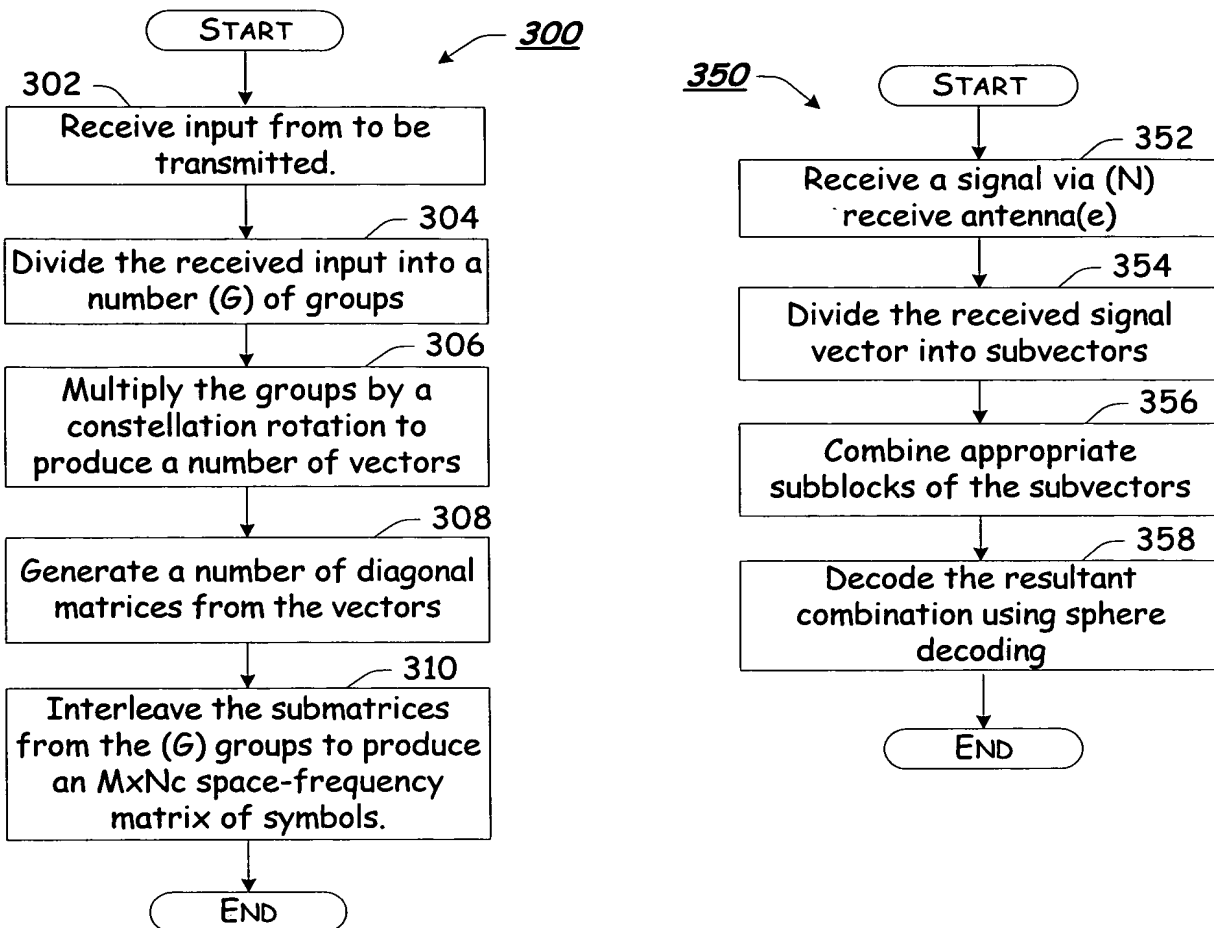
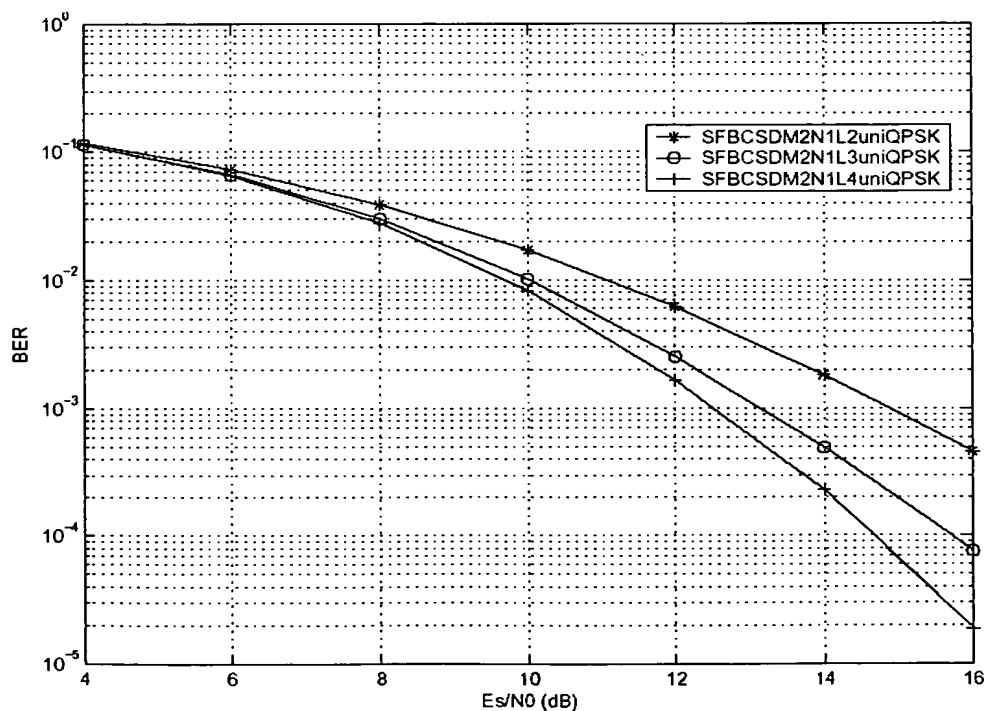
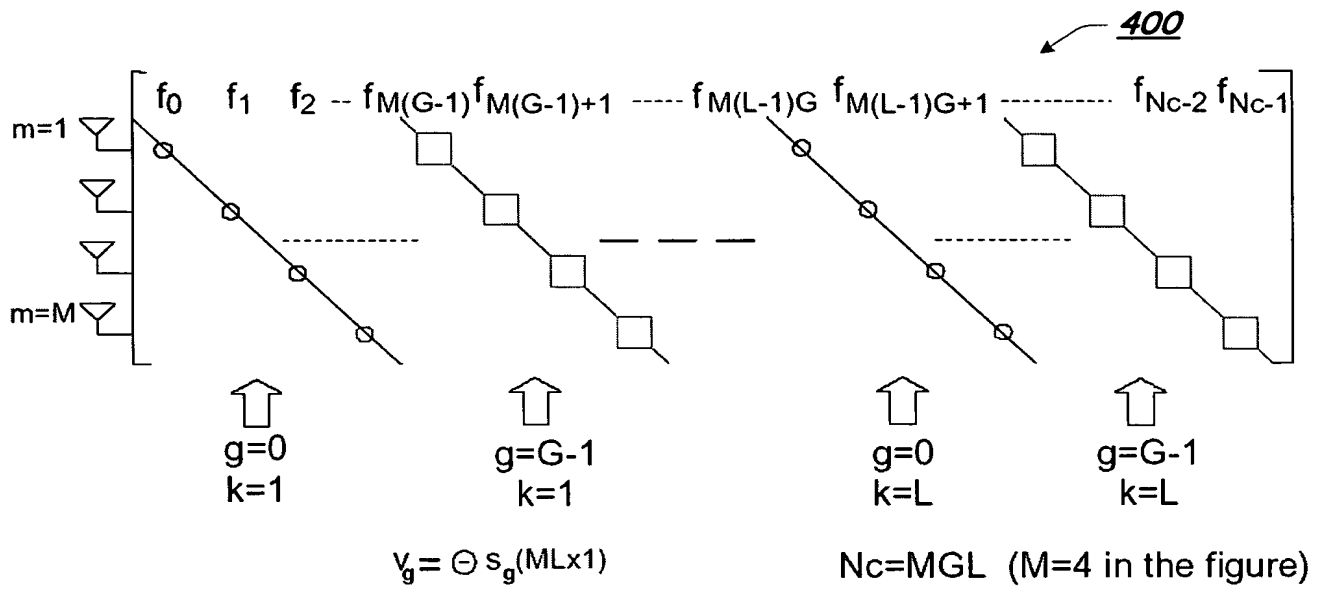


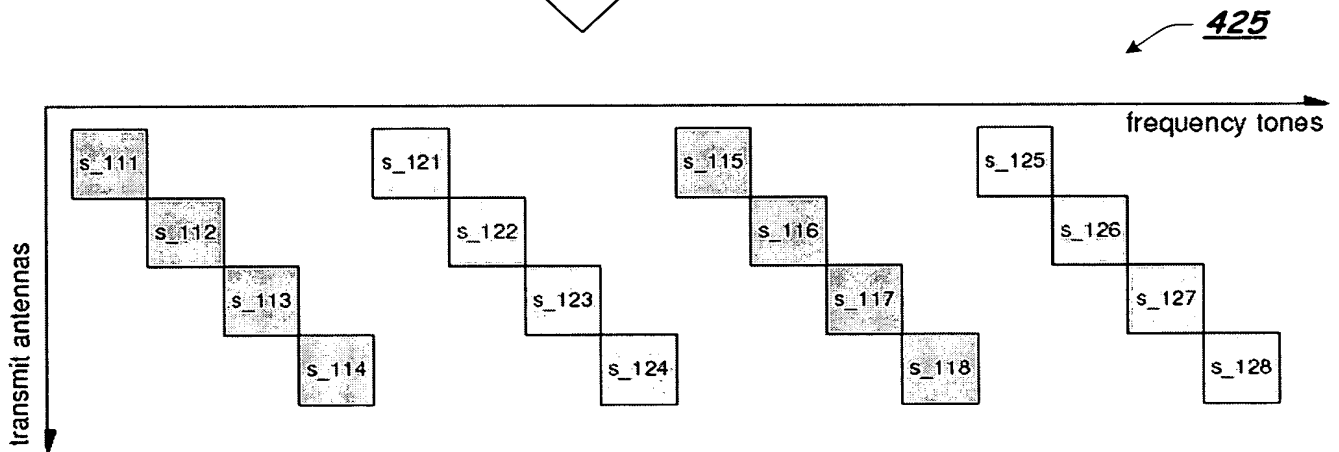
FIG. 5

**500**

# FIG. 4



E.g.,



4 antennas, 16 subcarriers, 2 groups, 1 layer

$s_{ijk}$  = the  $k$ -th precoded symbol  
in the  $j$ -th group of the  $i$ -th layer

FIG. 6

600

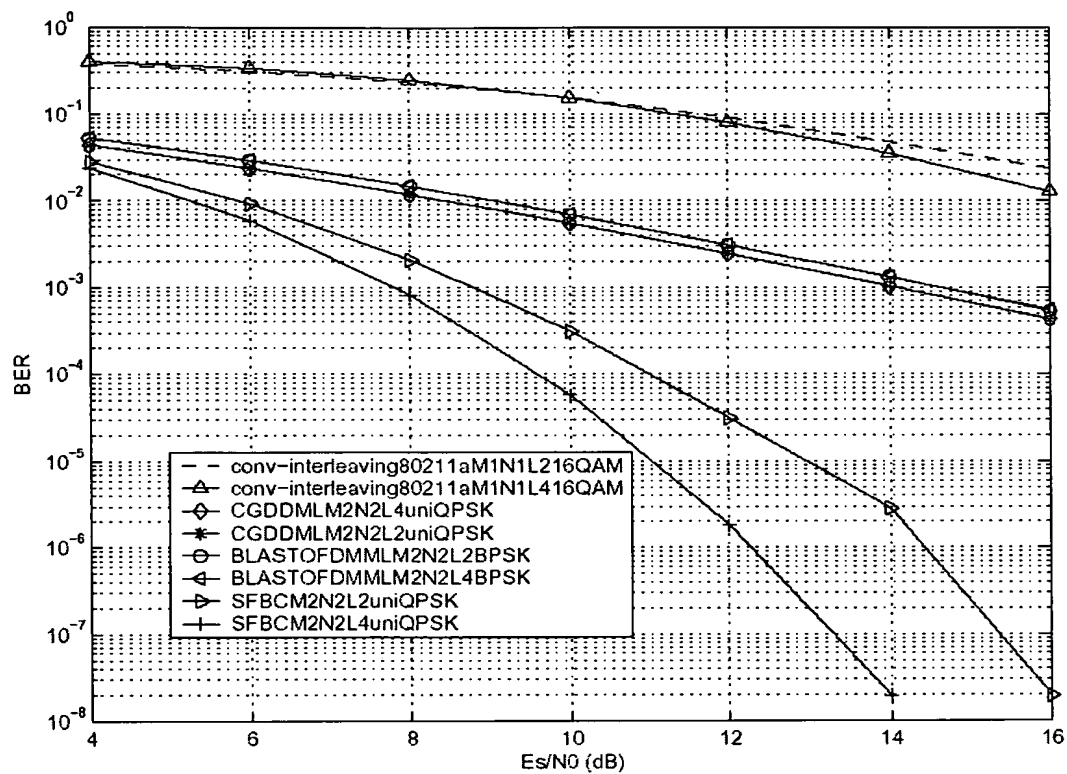
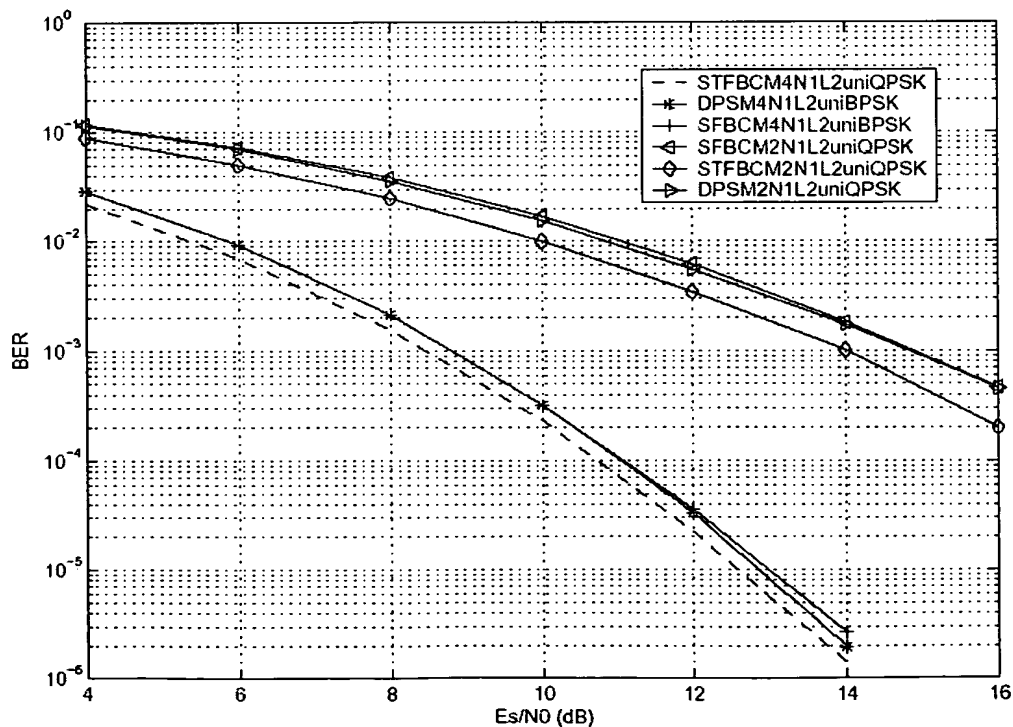


FIG. 7

700



## FIG. 8

